

Polyak, N. A.

SHORT-CIRCUITS, ASYNCHRONOUS OPERATION
AND RE-SYNCHRONIZATION OF TURBO-GENERA-
TORS (Korotkiye Zamykaniya, Asinkhronnyy Khod i
Resinkhronizatsiya Turbogeneratorov). 17 Feb 60
[15]p. (1 fig. omitted) Trafford Park trans. 2559;
M 1562.

Order from LC or SLA mi\$2.40, ph\$3.30 60-23004

Trans. of *Elektrichestvo (USSR) 1958, no. 11,
p. 18-24.

Another translation is available from LC or SLA
mi\$2.40, ph\$3.30 as 60-15757, CE Trans-1420 [1960]
[12]p.

Also available from PP \$14.00 (1959, v. 4, p. 463-624)

The dynamic stability of parallel turbogenerators when
short circuits occur is always higher than that calcu-
lated by normal standard means. The greatest differ-
ence occurs when serious short circuits occur at point
which are, electrically, fairly near the terminals of
(Engineering--Electrical, TT, v. 5, no. 5) (over)

60-23004

1. Turbines--Operation
2. Generators--Operation
- I. Polyak, N. A.
- II. AEI TP/T-2559
- III. DSIR LLU M. 1562
- IV. Associated Electrical
Industries, Ltd.
(Gt. Brit.)

Office of Technical Services

the turbogenerators. The basic cause is that, in standard calculations, the electromagnetic torques on the turbogenerator shafts are not taken into account. These are caused by the aperiodic component of the stator current, which occurs at the moment of a short circuit or other abrupt change in conditions. After turbogenerators of a thermal station have fallen out of synchronism, resynchronization, to bring them into line with the other generators of the stations in the system, can be carried out in conditions like those examined here, even when the total power of the turbogenerators that have fallen out of step somewhat exceeds the power which, in a protracted period, can be transmitted over the remaining operating lines.

(Author)

PB- 60-23004

Swelling and Partial Molar Volumes of Salt
Forms of Sulfonated Polybutadiene, by
G. I. Starobinets, N. A. Polyak, 3 pp.
RUSSIAN, per, Kolloidnyi Zhur, Vol XXV, No 2,
Mosc, Apr, 1963, pp 238-241.

CD

Sci

Aug 64

200, 1963

89
A Device for Translating Stamping. by S. M. Polyak,
E. A. Herpin. 3 pp.
RUSSIAN, Patent 178748 (1990707/25-21), Class 7c,
14. F100174565-1
FTD-RT-67-00

S. M. Polyak
Sci/lat
Aug 68

30. 128

Neuzeitliche ~~methoden~~ der soanlosen kaltverformung.
1954, by S. M. Polyak, B. V. Sorokin,

Translated from the Russian edition, 1950.

DSIR 621.97
Lending Lib Unit
G. 11602/0

Mechanism of the Oxidation of Hydrocarbons in
the Gaseous Phase. Part II. Degenerate and
Branching Character of the Oxidation of Pro-
pylene, by S. S. Polyak, V. Ya. Shtern,
14 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVII, No 5,
1953, pp 631-639.

A Sci Tr Center
RT-2285

28, 44-1

Scientific - Chemistry Nov 55 CTS/DEX

Mechanism of Oxidation of Hydrocarbons in Gaseous
Phase. I. Chemism of Cold-flame and High-tempera-
ture Oxidation of Propylene, by S. S. Polyak, V. YA.
Shtern, 26 pp.

RUSSIAN, per, Zhur.Fiz.Khim., Vol XXVII, No 3, 1953,
pp 341-354.

Sci Tr Center RT-2409

28,258

USSR
Scientific - Chemistry

Nov 55
CTS/DEX

ECONOMIC SCIENCE IN TEXTILE INDUSTRY, BY
T. B. POLAK, 30 PP.

RUSSIAN, FOR, 12 VIBRO WINDS (JANU), NO 1, 1968,
PP 3-8.

JUN 1968

USSR-ECOM
JUL 68

837.010

Concerning an Index of Standardised Processing Costs,
by T. B. Polyak, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh Tekstil
Prom, No 1 (20~~l~~), 1961.

TEx Inst

Sci

Oct 62

213,921

Review and Bibliography Textbook on Air Navigation,
by V. Polyak, 8 pp.

RUSSIAN, no par, Vest Voz Flot, No 4, 1955, CIA
563983.

ATTC F-15-8665

USSR

MLL

Sci. - Aero

Feb 57 CTS

44, 062

On a New Method of Solving Electrostatic Problem
and Editorial Comments, by E. L. Hurshchyn,
M. E. Levin, and V. Polyak, 7 p.

RUSSIAN, per, Radiotekhnika, 1959, Vol XIV, No 3,
pp 76-77.

SLA 60-13146

Sci
Apr 60
Vol III, No 3

113,662

The s-d Exchange Interaction and Resonance in Ferro-
magnetic Metals, by Yu. A. Izyumov, Yu. Ya. Polyak,
11 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 5,
1960, pp 641-649.

PP

172,8900

Sci

Oct 61

AGENCY: AEC/NY

R-9912-D
3 Dec. 1968

P.O. No. 69-2371

TITLE: Diffusion of Sr-90 in Soils

AUTHOR: Polyakov

LANGUAGE: RUSSIAN

15pp

Special Instructions: Please translate
and type 1 copy only.

Strategic Airforce of the US -- A Weapon of Imperial
Agression, by Col Polyakov. *Copy*

RUSSIAN, d np, Sov Aviatsiya, 17 Aug 1957 ,

*RAND CORP *7-54*

Call Ex 3 6040 for Info

*U.S. AIR
7/11/57*

Science -- For Agriculture, by A. Ipatov.
RUSSIAN, ROK per, Vost Sel'skikh Ekonom, Vol VII, No 10,
1963, pp 10-104. 922064

USDA Tr A-1427

Sci - Agr
MAR 64

251,293

Zero-Defect System At Vyrta Gas Analyzer Plant, by
A. Polyakov, 7 pp.

RUSSIA, np, Sovet Estoniya, Tallin, 17 Sep 64, p 2.

JPRS 271432

USSR - Leon
Jan 65

271943

R-133/64

On the Problem of Organizing the Transportation of
Mineral Fertilizers, by A. A. Polyakov. (NY-3135)

RUSSIAN, per, Study Nauch K. KHIT, 1962, pp 80-96.

*TIPS

USER

Econ

Apr 64

Instructions on the Preservation, Treatment and
Transportation of Agricultural Products, Wool and
Pelts of Rodents; and on the Transportation of
Animals in Places Affected With Tularemia, by Yu. R.
Goloshchapov, A. A. Pol'yakov.

RUSSIAN, bk, Sbornik rukovodiashchikh Materialov po
Veterinariii, Vol I, Moscow, pp 333-336. CIA
9012896

USDA

Sci - Biol

53,772

Oct 57

Instructions for the Prevention and Eradication of
Rinderpest, by Yu. N. Goloshchapov, A. A. Polinkov.

RUSSIAN, bk, Sbornik Rukovodiashchikh Materialov
po Veterinarii, Vol II, Moscow, 1954, pp 214-220.
CIA 9012895

USDA

Bcl - B101

53,767

Oct 57

Instructions for the Control of Foot-and-Mouth
Disease, by Yu. N. Golushchapov, A. A. Polyskov

RUSSIAN, bk, Sbornik Rukovodiashchikh Materialov po
Veterinariii, Vol II, Moscow, 1954, pp 200-209.

CIA 9012891

USDA

Sci .. Biol

53,770

Oct 57

Instructions for Controlling Brucellosis in Agricultural Animals, by Yu. N. Goloshchapov, A. A. Poljakov.

RUSSIAN, per bk, Sbornik Rukovodiashchikh Materialov po Veterinarii, Vol II, Moscow, 1954, pp 21-31.

CIA 9012894

UONA

Sci - Biol

53,771

Oct 57

Instructions on Anti-Anthrax Measures, by Yu. N.
Goloshchapov, A. A. Poliakov.

RUSSIAN, bk, Sbornik Rukovodivshchikh Materialov po
Veterinariii, Vol II, Moscow, 1954, pp 5-14. CIA
9012893

USDA

Sci - Biol

Oct 57

53,805

On the Carrying Out of Control Measures Against
Foot-and-Mouth Disease on Meat Combined and
Slaughteries, by Yu. N. Goloshchapov, A. A.
Poliakov.

RUSSIAN, bk, Sbornik Rukovodivshchikh Materialov po
Veterinariii, Vol I, Moscow, 1954, pp 276, 277.
CIA 9012898

USDA

Sci - Biol

53,806

Oct 57

Achievements of Science and the Tasks of Scientific
Research Work in the Field of Veterinary Disinfection,
by A. A. Polliakov.

RUSSIAN, per, Trudy Vses Sov po Voprosam Dezinfektsiy,
Dezinsektitsiy i Deratizatsiy, No 1, 1951, pp 7-37.

CIA 9011254

USDA

Sci - Med

50,447

Encl 57

On the History of Native Veterinary Periodical
Press, by A. A. Polyakov, V. I. Kalugin,
UNCLASSIFIED

RUSSIAN, per, Veterinariya, Vol XXXI, No 5,
May, 1954, pp 57-61.

USDA

18,648

Scientific - Medicine

S. N. Vysheskiy - An Eminent Soviet Scientist
(On the 80th Birthday and 55th Anniversary of
Scientific-pedagogic, Practical, and Public
Activity), by A. A. Polyakov.

RUSSIAN, per, Veterinariya, Vol XXXI, No 11, 1954,
pp 7-16.

22,762

USDA

Scientific - Medicine
USSR - Biographic

Apr 55 GTS

Disinfection in Stachbotryotoxicosis, by A. A.
Pol'yakov, 5 pp.

Full translation.

RUSSIAN, bk, Rukovodstvo po Veterinarnoi Dezinfekstii
Ogiz-Sel'khozgiz, Moscow, 1948.

USDA Tr

USSR

Scientific - Medicine

CTS/DEX

3748

Study of Antifriction Properties of Chromium Deposits
Made Porous by Mechanical Means, by D. N. Garkunov,
A. A. Polyakov

RUSSIAN, per, Vest Mash, Vol XXXIII, No 6, 1953,
pp 65-67.

Brutcher Tr 3134

Scientific - Minerals/Metals
CTS/DEX

Price \$3.60

5929

Sanitary Measures in the Fight Against Foot and Mouth, by A. A. Poljakov, 11 pp.

Full translation.

RUSSIAN, per, Veterinariya, Vol XXX, No 1, Moscow, Jan 1953, pp 49-54.

UNDA Tr

UESR

Scientific - Medicine

CTS/DEX

3749

Instructions Concerning the Vaccination of Cattle
With the Virus of the Foot-and-Mouth Disease,
by YU. N. Goloshechapov, A. A. Poliakov.

RUSSIAN, bk, Sbornik Rukovodiashchikh Materialov
po Veterinariii, Moscow, Vol II, 1954, pp 209-211.
CIA 9012892

USDA

53,776

Sci - Biol

Oct 57

Inspection of Chromium Plates for Porosity, by A. A.
Polyakov, D. N. Garkunov.

RUSSIAN, no per, Zavod Lab, Vol XXII, No 4, Moscow,
1956, pp 482-484.

Brutcher Tr 4026
\$2.25

Sci - Min/Met

57,041

Jan 58

Review of N. Kh. Glebov's "The Technique of
Veterinary Disinfection," by A. A. Poljakov, 4 pp.

Full translation.

RUSSIAN, per, Veterinariya, Vol XXVII, No 7, Jul
1950, pp 62-63.

USDA T.

Scientific Medicine Aug 53 CTS/DEX

4770

Organizing the Transportation of Federal
Personnel, by A. A. Piquet, 10 pp.
HARRIS, H., HARRIS, J. K. RITT,
Kearney, 1941, pp 88-91
JPRS 1683

1952
Born
May 64

287. 873

Selections of Chromium Plating for Engine
Cylinders, by A. A. Polyakov, 5 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XLII,
No 1, 1961, pp 9-14.

SECRET
PERA

Sci

181,039

Jan 62

V
Disinfection of Hog Cholera, vy A. A. Polyakov.

RUSSIAN, no per, Veterinariya, Vol XXIV, No 8, 1947,
pp 39-41.

USDA

12, 6 38

Scientific - Biology

May CTS/DEX

Polyakov, A. F.
MUD-TORRENT PHENOMENA IN THE CARPATHIANS
AND CAUSES OF THEIR INTENSIFICATION (O
Prichinakh Intensifikatsii Sulevykh Yavlenii v Karpa-
takh). 1963, 5p. 7 refs. PL-480 Agr.
Order from OTS \$0.50

63-11022

Trans. of Meteorologiya i Gidrologiya (USSR) 1959,
no. 8, p. 27-29.

DESCRIPTORS: Erosions, Mountains, Forestry, Con-
trol, Soils, Moisture.

(Agriculture--Plant Cultivation, TT, v. 10, no. 3)

63-11022

I. Polyakov, A. F.
II. PL-480 Agr (63-11022)
III. National Science Founda-
tion, Washington, D. C.

Office of Technical Services

60
Rational Technological Process of Obtaining
Essential Oil from Sadyan Fruits-Research
and Methodology, by A. F. Polynkov,
Nguyen-Hung Vin, 11 pp.
RUSSIAN, per, Iz VUZ Pishchevaya Tekhnologiya,
No. 4(47), 1965.
ACSI I-9178
ID 2204003266

A. F. Polynkov

Sci-H&M
Jun 66

300.903

Polyakov, A. I., Derevitskaya, V. A., and Rogovin, Z. A.

NEW CELLULOSE AND OTHER POLYSACCHARIDE DERIVATIVES. XIV. SYNTHESIS OF ESTERS OF CELLULOSE WITH α -AMINO ACIDS. 1961, 8p. 5 refs.

Order from OTS or SLA \$1.10

62-14285

Trans. of Vysokomol[ekulyarnye] Soed[ineniya] (USSR) 1961, v. 3, no. 7, p. 1027-1030.

DESCRIPTORS: *Polysaccharides, *Cellulose esters, Synthesis, *Amino acids, Glycine, Alanine, Alcohols, Methanols, Phenols, Formamides, Carbohydrates.

A method has been developed for synthesizing cellulose esters with α -amino acids by substituting the sulfonic acid groups in the corresponding cellulose ethers. The effect of the nature of the solvent on the direction of the substitution reaction has been established. In dimethyl- (Chemistry--Organic, TT, v. 9, no. 4) (over)

62-14285

- I. Polyakov, A. I.
- II. Derevitskaya, V. A.
- III. Rogovin, Z. A.
- IV. Title: Synthesis ...

0227648

Office of Technical Services

Distribution of Thorium in a Series of
Ultrabasic Alkalic Rocks of the Kola Peninsula,
by A. I. Polyakov, M. P. Volynets, 9 pp.

RUSSIAN, per, Geokhim, No 5, 1961.

Geochem Soc

Sci

Nov 62

216,558

Chemical Characteristics of Rock-Forming Minerals in the
Differentiated Complex, Lovozero Alkalic Massif

By V. P. Volkov, A. I. Polyakov, 10 pp.

RUSSIAN, per, Geokhimiya, No 6, 1962.

Geochim Soc

Sci

Jun 63

342,267

Hydroxoceladonite -- A Rock-Forming Mineral of the
Nepheline Syenites of the Lovozero Massif, by
V. I. Gerasimovsky, A. I. Polyakov, L. P.
Vorontina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 2,
1960, pp 402-405.

AGI

Scl.

157, 879

Jun 61

Improvement in Electrical Circuit of Electric
Locomotive, by V. L. Melnikov, A. L. Polyakov,
6 pp.

RUSSIAN, per, Elektri i Teplovoz Tyaga, No 6,
1964, pp 21-23.
JPRS 26644

USR
Econ
Nov 64

269,558

Investigation of the Emission Intensity of Mechano-electronics From Breaks and Deformations of Polymer Films, by A. M. Polyakov, N. A. Krotova, 7 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CLII, No 1, 1963, pp 130-133.

28

CIA/TDD XX-1484
No Foreign Dissem

Sci - Elec

Jan 64

USIS Internal Use Only

248,443

Investigation of the Emission Intensity of Mechano-
electrons From Breaks and Deformations of Polymer
Films, by A. M. Polyakov, N. A. Krotova, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLT, No 1, 1963,
pp 130-133.

u

CIA/PDD EX-1484
No Foreign Dissem

Sci - Elec

Jan 64

USCIB Internal Use Only

248,443

Electrical Properties of Thin Films of Iron, Nickel and
Cobalt, by N. I. Ginzburg and A. M. Polyakov, 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 5, 1958,
pp 1029-1031.

Amer. Inst of Phys
Sov Phys - Tech Phys
Vol III, No 5

Sci. Phys

Feb 59

80,367

Influence of Pressure on the Hydrolysis of 2, 5-Diketopiperazine and Formation of Polypeptide Bonds, by A. M. Polyakov and L. P. Vereshchagin, 2 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol LXIV, 1949, pp 687, 688.

CIA/PDD/X-1338

13,059

Scientific - Chemistry

May CTS/DEX

Fundamentals of Vanadium Metallurgy, by
A. Y. Polyakov, 7 pp.

OK
RUSSIAN, ~~Metallurgiya~~, Moscow, 1959,
137 pp.

CIA/FDD X-5190

Sci - Mat & Met

Aug 63

FOR OFFICIAL USE ONLY

238,118

Development of Steel Production in the USSR, by
A. Yu. Polynkov, A. M. Samarin, 10 pp.

RUSSIAN, ~~Metallurgiya~~ Metallurgiya SSSR (1917-1957), Vol I,
Part I, 1958, pp 187-194.

OTS 60-51188
PL-480

USSR
Econ
Sop 61
PST No 119

166,922

Thermodynamic Characteristics of Interaction
Between Carbon and Oxygen in Molten Iron,
by Hsu-Tseng-Chi, A. Yu. Polyakov.
RUSSIAN, rpt, Proceedings of Third Conference on
the Use of Vacuum in Metallurgy, 1963, pp 3-9.
BISI 3743

Sci - ~~Engg~~, M/M
Aug 64 ~~index~~

264,272

Remelting of Steel and Alloys in Vacuum Arc
Furnace, by G. N. Okorokov, A. Yu. Polyakov,
A. M. Samarin.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekhn
Nauk, No 5, May 1958, pp 59-62.

Henry Bratcher 4339
\$3.90

Edl - Jnger
Oct 58

75,727

A Vacuum Process for the Production of Ductile
Vanadium, by A. Yu. Polyakov.

RUSSIAN, paper, *Primenenie Vakuuma v Metallurgii*,
Moscow, 1958, pp 147-154, 9049124.

Henry Bratcher
No. 4376

Sci - Min/Metals

Jun 60

117,002

V
Solubility and Activity of Oxygen in Iron and Vanadium Melts, by R. A. Karasev, A. Yu. Polyakov, A. M. Samarin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV, No 6, 1952, pp 1313-1316.

Estl Res Lib
TT.448

Scientific .. *Chemistry*
Physics

CTS/DEX

18,747

Vanadium Oxides, by A. Yu. Polyakov, A. M. Samarin,
21 pp.

RUSSIAN, per, Uspekhi Khim, Vol XII, No 5, 1950,
pp 565-575.

Sci Tr Center
RT-1460

18,899

Scientific - Chemistry

Determination of Oxygen, Nitrogen, and Hydrogen
Contents in Hard Steel, by R. A. Karasev, A. Yu.
Pol'yakov. UNCLASSIFIED

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Sep 1952, pp 1360-1368.

Navy Tr 999/BsShips 555

Scientific - Minerals/Metals

8 pp (orig)

May 54 CTS

14,030

The Six-Meter Synchrocyclotron of the Institute of
Nuclear Problems, Academy of Sciences USSR, by
D. V. Yefremov, M. G. Mesncheryakov, A. L. Mints,
V. P. Dzhelepov, P. P. Ivanov, V. S. Katyshev,
E. G. Koinar, I. F. Malyshev, N. A. Monoszon,
I. Kh. Nevyazhsky, D. I. Polyakov, A. V. Chestnoy,
1956. 12 pp.

RUSSIAN, bino per, Atomnaya Energiya, Vol I, No 4,
1956, pp 121-122.

Consultants Bureau

45,184

Sol - Nuclear Physics
Mar 57 CTS

Assoc Tech Sv 82H12R

Thyratron Autooscillator Control, by G. P. Grudinskaya,
B. T. Zarubin, B. I. Polyakov, 3 pp.

RUSSIAN, par, Radiotekh, Vol XIV, No 4, 1959, pp 60-61.

FP

Sci -
Apr 61

150,084

(DC-1840)

SPECIALIZATION AND ITS ECONOMIC EFFECTIVENESS,
BY D. POLYAKOV, 13 PP.

RUSSIAN, NP, EKON GAZETA, NO 21, 19 MAY 1962,
P 9.

JPRS 14782

USSR
ECON
AUG 62

206,957

Paying a Visit to American Oilmen, by B. Semyonov,
D. Polyakov, 9 pp.

RUSSIAN, np, Ekonomicheskaya Zhizn', 28 May 1961.

CIA/PDD XX-1036

NOT RELIABLE TO FOREIGN NATIONALS

USBR

165,443

Econ

Aug 61

USIB INTERNAL USE ONLY

Seasonal Dynamics of Cattle Demodectosis and
Experiments in the Treatment of This Invasion,
by D. Polyakov.

RUSSIAN, per, Vses Institut Veterinarnoy
Sanitarii i Ektoparazitologii, Trudy,
No 13, 1958, pp 107-116.

CSIRO Tr 5408

Sci - Med
Oct 61

171,348

Technological Features of Argon-Arc Welding of
Titanium Parts, by D. A. Polyakov, A. F. Drugov,
G. L. Rokhman, 9 pp. ~~SECRET~~

RUSSIAN, per, Aviatsionnaya Prom, No 3, 1958,
pp 40-44.

ATTC ~~REF-516/411~~

Sci - Engr

Aug 60

123,840

Polakov, D. K.
 MORPHOLOGICAL CHANGES IN THE SKIN OF
 CATTLE UNDER THE EFFECT OF DERMATOPH-
 ITES. I. CHARACTERISTICS OF THE MAIN
 PARASITES IN THE ECOLOGY OF THE PARASITE.
 (By D. K. Polakov. (1961) 3). (CSIRO Trans. 1949,
 Order from OTS or SLA \$1.10) 61-2 1435

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii
 Institut Vozrozhdeniya i Eksparazitologii,
 Trudy (USSR), 1959, v. 18, p. 34-35.

DESCRIPTORS: *Mites, *Cattle, *Skin, Parasites,
 Cows.

The period of life of the colony of D. scabiei (common
 mite) is subject to considerable changes in
 time which can be traced by systematic clinical ex-
 aminations of animals. Colonies of D. scabiei detected
 (Biological Sciences--Pathology, TT, v. 7, no. 7) (over)

61-2 1435

I. Polakov, D. K.
 II. Cattle Trans.
 III. Commonwealth Scientific
 and Industrial Research
 Organization (Australia)

137265

Office of Technical Services

(FDD 19105)

Testing the Specificity of the Allergic Preparation
"Anemia-VIEV" Developed by G. M. Boshyan, by D. K.
Polyakov, 7 pp.

RUSSIAN, no per, Veterinariya, No 9, Moscow, 1950,
pp 19-22.

CIA/FDD/U-5315

USSR

Scientific - Medicine

9989
Jan 54

All-Union Conference of the Directors of Veterinary
Scientific-Experimental Institutions of Universities,
by D. K. Polmakov, 12 pp.

Full translation.

RUSSIAN, no par, Veterinariya, Vol XXIX, No 2, Moscow,
Feb 1952, pp 61-64.

USDA Tr

USSR

Scientific - ~~RESEARCH~~

2704

CIS/DEL

The First All-Union Conference on Veterinary
Dermatology, Arachnology and Entomology, by
D. K. Polyakov.

RUSSIAN, par, Veterinariya, Vol. XXXI, No 11, 1954,
pp 63, 64.

USDA

22,764

Scientific - Medicine

Apr 55 CTS

Propaganda of Knowledge and Implantation of the
Achievements of Science Into Production - an Urgent
Task of Veterinary Specialists, by D. K. Polyakov.

RUSSIAN, no per, Veterinariya, Vol XXVII, No 9,
Sep 1950, pp 5-10.

USDA

Scientific - Biology

May CTS/DEX

12, 615

(FDD 19105)

Testing the Specificity of the Allergic Preparation
"Aneufia-VIEV" Developed by G. N. Boshyan, by D. K.
Polyakov, 7 pp.

RUSSIAN, no per, Veterinariya, No 9, Moscow, 1950,
pp 19-22.

CIA/FDD/U-5315

USSR

Scientific - Medicine

9989
Jan 54

Seasonal Dynamics of Cattle Demodectosis and
Experiments in the Treatment of This Invasion, by
D. K. Polyakov.

RUSSIAN, per, Trudy Vsesoyuznyi Nauch-Issled
Inst Veterinarnoi Sanitarii i Ektoparazitologii,
Vol XIII, 1958, pp 107-116.

OFB 61-27444

Sci
Mar 62

189,556

Vol VII, No 2

Antitreticular Cytotoxic Serum (ACS) in Veterinary
Practice, by D. K. PolYakov, 9 pp.

Full translation.

RUSSIAN, per, Veterinariya, Vol XXII, No 11/12,
Moscow, Nov/Dec 1945, pp 26-30.

USDA Tr

USSR

Scientific - Medicine

GTS/DEX

3 750

Polymerization of Styrene, Butadiene, and
Isoprene Initiated by Ethyllithium in Various
Media, by Yu. L. Spirin, D. K. Polyakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 4, 1961, pp 899-902.

CB

Sci

200,797

Jun 62

Polyakov, E. A.

THE THEORY OF TRANSMISSION WITHOUT WIRES
OF ELECTRICAL SIGNALS FROM THE BOTTOM OF
THE HOLE TO THE SURFACE DURING DRILLING.
[1963] 11p.

Order from ATS \$16.25

ATS-51Q68R

Trans. of Prikl[adnaya] Geofiz[ika] (USSR) 1962, no. 32,
p. 142-154.

DESCRIPTORS: *Well drilling, Surfaces, Boreholes,
*Communication systems, Electrical equipment, Sig-
nals, Transmission, Theory, *Well logging.

(Engineering, TT, v. 10, no. 6)

63-17334

1. Title: Boring
1. Polyakov, E. A.
- II. ATS-51Q68R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

TT-65-63563

Field 13F, 13J

Polyakov, E. A.

TRANSPORTATION PROBLEMS OF MAGADAN OBLAST
(Transportnye Problemy Magadanskoi Oblasti). 25 Aug 64,
Sp. ACSL-1-1972.

Order from CFSTI, SLA, or ETG: HCSL10, MFS0.50
as TT-65-63563

Trans. of mcho. Problemy Geografii, Ekonomicheskie
Svyazi i Transport, Moscow, 1963 p143-52.

7

Polyakov, E. A.

SELECTION OF AN OPTIMAL FORM OF SURFACE
TRANSPORTATION IN THE NORTHEAST OF THE
USSR. Nov 63, 9p

Order from AGI \$1.00 In Soviet Geography: Review and
Translation, v. 4, no. 9 (p. 34-42)

Trans. of Geografiya i Khozyaystvo (USSR) 1963, no. 12,
p. 49-54. (Abstract available)

DESCRIPTORS: "Transportation, Railroads, Roads,
Rural areas, Economics,

A methodology for determining the economical use
areas of trucking narrow- and broad-gauge railroad
transport in remote areas where construction and op-
erating costs are far above the national average is
presented. A graph of economical areas of application
of the various forms of transport, based on expected
traffic volumes and average lengths of haul is also
(Machinery--Transport, TT, v. 11, no. 7) (over)

TT-63-17714-9 (p. 34-42)

I. Polyakov, E. A.
II. American Geographical
Society, New York

1143540

Office of Technical Services

New Types of Well Resistivity-Meters, by E. A.
Polyakov, 13 pp.

RUSSIAN, Tekh, Prikladnaya Geofizika, 1962.

PP

Lib Congress Card No 60-53385

Sci
Sep 64

CIA Lib No TN
269
.P9

Experimental Investigation of Axially Symmetric
Turbulent Jets, by E. I. Polyakov, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 10,
1960, pp 1238-1244.

AIP
Sov Phys-Tech Phys
Vol V, No 10

Sci

Apr 61

149,575

Polyakov, G. G.
EXPERIMENTAL STUDIES OF PERFORATED CASED
WELLS USING A RADIAL MODEL WITH A HOMO-
GENEOUS POROUS MEDIUM. [1961] 7p.
Order from ATS \$8.60

ATS-53N54R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Nefi i Gaz (USSR) 1958, v. 1, no. 10, p. 63-68.

DESCRIPTORS: *Porous materials, *Wells, *Petro-
leum.

(Earth Sciences--Geology. TT. v. 7, no. 4)

61-25623

- I. Polyakov, G. G.
- II. ATS-53N54R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

191168

Office of Technical Services

61-12305

Polyakov, G. G.
EXPERIMENTAL STUDY OF THE EFFECT OF
WELL PERFORATION ON THE INTAKE WITH NON
LINEAR FLOW OF THE FLUID. [1960] 6p.
Order from ATS \$8.50

ATS-79M43R

Trans. of Izvestiya Vysshikh Uchebnykh
Zavedeniy. Neft i Gaz (USSR) 1960, v. 3, no. 3,
p. 45-50.

1. Well drilling
2. Fluid flow
3. Petroleum--Sources
- I. Polyakov, G. G.
- II. ATS-79M43R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

(Engineering, TT, v. 5, no. 5)

Office of Technical Services

(SF-2170)

On the Structural Organization of Neuron Inter-
Relationships in the Human Cerebral Cortex,
by G. I. Polyakov, 16 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR,
Vol XVII, No 1, 1962, pp 77-87.

JPRS 13325

Sci - Med

190, 212

Apr 62

S-321/60

(NY-4413)

Certain Onto-Phylogenetic Correlations in the
Development of the Structural Basis of Reflex
Functions of the Organisms, by G. I. Polyakov,
34 pp.

RUSSIAN, per, Arkhiv Anatomii, Gistologii i
Embriologii, Vol XXXVIII, No 2, 1960,
Leningrad, pp 3-23.

JPRS 2988

Sci - Med - Physiol

Aug 60

121,667

(NY-6825)

TECHNICAL IMPVEMENT OF COMMUNICATION
FACILITIES, BY G. L. POLYAKOV, 3 PP.

RUSSIAN, PER, VESTNIK SVYAZI, NO 10,
1961.

JPRS 12057

SCI
FEB 62

180,640

USSR/Sol/ Miso/Communications/Telephones

C

Introduction of High-Frequency Telephone Equipment into
Local Lines of Communication, by G. L. Polyakov, 8 pp.

~~(FDD PA 65137)~~

RUSSIAN, per, Vest Svyazi.

AMC F-TS-6963-RE

FLT: Vnedreniye Apparaturi Visokochastotnogo Telefonirovaniya Na Vnutricblastnykh Sviyaziakh

PR 65137

C May CTS

19865

On the Critical Heat Load During Boiling of Liquids i
in Volume, by M. A. Strikovich, G. M. Polyakov,
11 pp. *y*

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 5,
1951, pp 652-656.

ATIC F-TS-9359/III

Sci - Phys

57,857

Jun 58